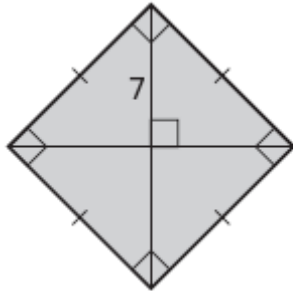


Geometry 6.7 Assignment
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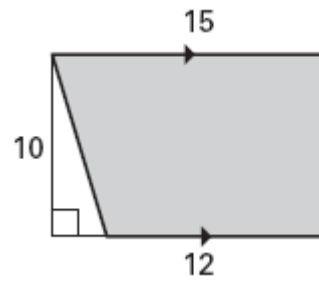
1. What is your name?

Find the area of the polygon.

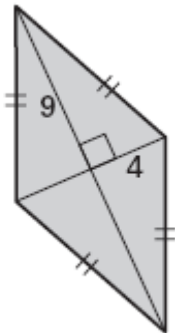
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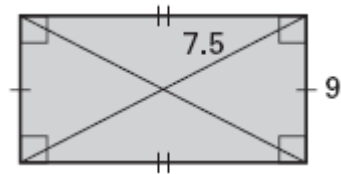
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4.



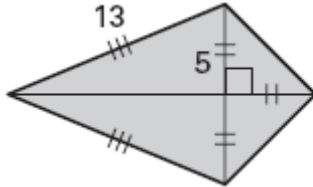
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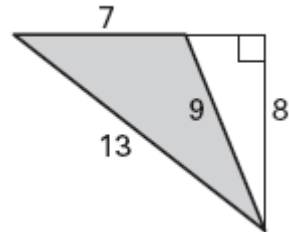
Geometry 6.7 Assignment
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Find the area of the polygon.

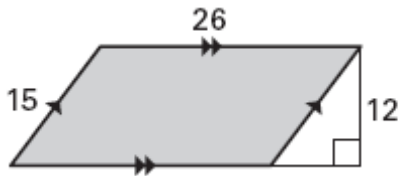
6.



7.

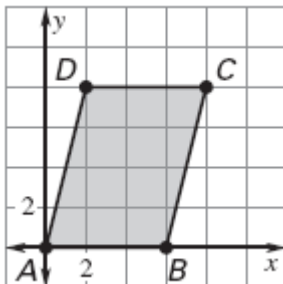


8.

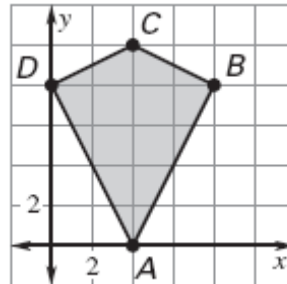


Find the area of the quadrilateral.

9.

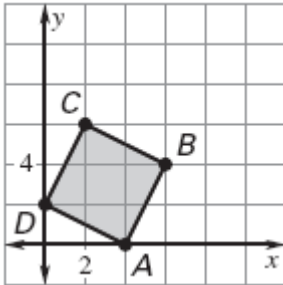


10.

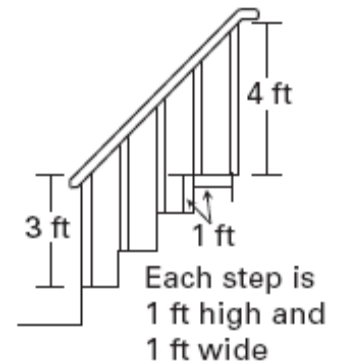


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11. Find the area of the quadrilateral.



12. You want to fill in the space between the handrail and steps on your front porch for the winter months. How much plywood would you need?



13. You are making a kite. The frame is to be made from two pieces of balsa wood, one measuring 64 inches and the other 38 inches. If you buy 1 square yard of material, will you have enough to piece together the covering for the kite? Explain.

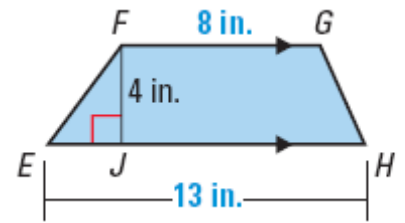


Geometry 6.7 Assignment

Areas of Triangle and Quadrilaterals (pp 372-6)

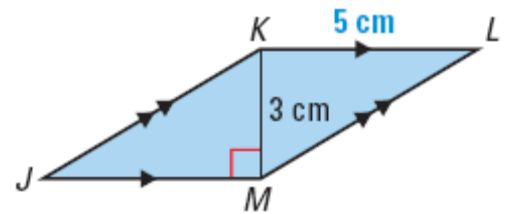
14. _____ What is the area of trapezoid EFGH?

- A. 25 in^2
- B. 42 in^2
- C. 68 in^2
- D. 84 in^2
- E. 416 in^2



15. _____ What is the area of parallelogram JKLM?

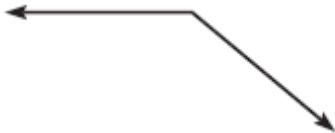
- A. 12 cm^2
- B. 15 cm^2
- C. 18 cm^2
- D. 30 cm^2
- E. 40 cm^2



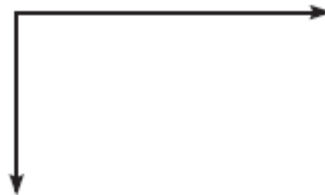
Review

State whether the angle appears to be *acute*, *right*, or *obtuse*. Then estimate its measure. (Chapter 1 Section 4).

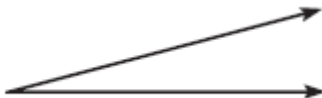
16.



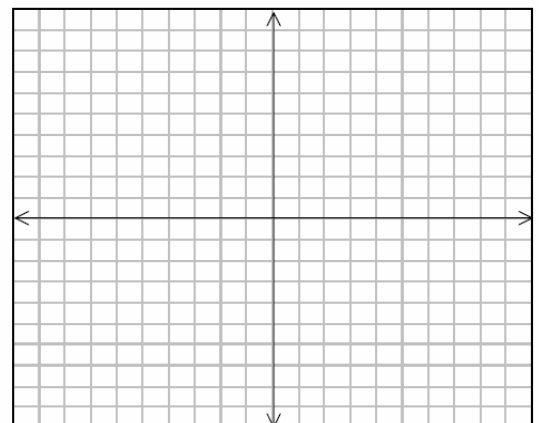
17.



18.



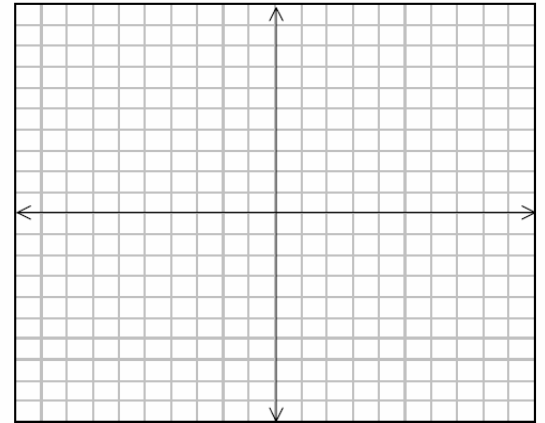
19. Place the triangle in a coordinate plane and label the coordinates of the vertices. A triangle has a base length of 3 units and a height of 4 units. (Chapter 4 Section 7)



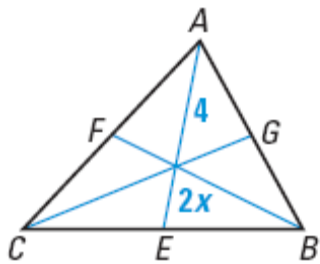
Geometry 6.7 Assignment

Areas of Triangle and Quadrilaterals (pp 372-6)

20. Place the triangle in a coordinate plane and label the coordinates of the vertices. An isosceles triangle has a base length of 10 units and a height of 5 units.



21. \overline{AE} , \overline{BF} , & \overline{CG} are medians. Find the value of x . (Chapter 5 Section 3)



22.

